

CASSETTE-RECEIVER

KRC-855R
KRC-855RL

INSTRUCTION MANUAL

KENWOOD CORPORATION

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Specifications

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

"DOLBY" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

Safety precautions

WARNING

Take the following precautions to prevent fire and avoid personal injury :

- Press in the faceplate until it is firmly locked to the main unit to prevent it from being detached in an accident.
- When extending the power supply cable, memory backup cable, or ground cable, use 0.75mm² (AWG18) or larger automotive grade cable to avoid cable deterioration or damage to the covering.
- Check that no metal objects (coins, tools, etc.) are left inside the unit to avoid short circuits.
- If you smell or see smoke, turn the power off immediately and consult your Kenwood dealer.

CAUTION

Take the following precautions to keep the unit in proper working order.

Be sure the unit is connected to a 12V DC power supply with a negative ground connection.

Do not open the top or bottom cover.

Do not install the unit in places it is exposed to direct sunlight, high heat or humidity, water may splash over it, or dust exists.

Do not store the detached faceplate or faceplate storage case in places it is exposed to direct sunlight or high heat.

Do not splash water on the faceplate.

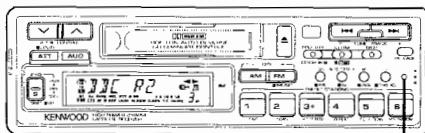
The faceplate is a precision piece of equipment that contains sensitive parts. Do not subject it to excessive shock.

Do not touch the terminals of the faceplate or the unit.

If you need to replace the fuse, make sure the new fuse is of the same type and rating. Using a fuse of a different type of rating may damage your unit. The fuse rating is normally shown on the fuse and fuse box.

NOTE

- If you have difficulty in installing this unit in your vehicle, contact your Kenwood dealer.
- If it doesn't seem to be working properly, first press the Reset button. If the malfunction persists, consult your Kenwood dealer.



Reset button

IMPORTANT INFORMATION

This unit is NOT designed to be connected directly to a CD changer that was manufactured and sold before 1994. If you plan to use such units, please read the following information carefully.

- **To control KDC-C200 / KDC-C300 / KDC-C400**
A CA-DS100 (sold separately as an optional accessory), along with the control box and extension cord supplied with the CD changer, are required.
- **To control KDC-C301 / KDC-C600 / KDC-C800 / KDC-C601 / KDC-C401**
A CA-DS100 (sold separately as an optional accessory), along with the extension cord supplied with the CD changer, are required.
- **KDC-C100 / KDC-C302 / C205 / C705 and CD changer Manufactured by Other Companies are not compatible with this Kenwood model.**

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THIS UNIT AND/OR THE CD CHANGER

Care and Maintenance

Before use

Cleaning the unit

- If the front panel is dirty, wipe it clean with a silicon cloth or soft dry cloth with the power off.

▲CAUTION

Do not use hard cloths or paint thinner, alcohol, or other volatile solvents. These may damage external surfaces or remove indicator characters.

Cleaning the faceplate terminal

- If the faceplate terminal or mount faceplate terminal becomes dirty, wipe it clean with a soft dry cloth.

Cleaning the tape head

- As you play tapes for a long time, magnetic dust and other grime accumulates around the heads and eventually causes noise that lowers sound quality. To clean the heads, use a cleaning tape or cleaning kit. Make sure you purchase a cleaning tape or cleaning kit suited to car audio use.

Be careful with your tapes.

- Before loading a cassette, take up any slack tape, by turning one of the spools with a pencil. Loading a slack tape can cause tape to tangle around the capstan and pinch roller and other problems.
- Do not use any deformed cassettes or cassettes with labels coming off, or the unit may fail.
- Do not leave cassettes exposed to high heat (for example, on the dashboard where it is exposed to direct sunlight, or near heater outlets). This can deform the cassette shell.
- Avoid long cassettes, such as 120-minute tapes. The tape is thin and easily tangled around the pinch roller or other parts.

Features

■ Tuner section

• Auto seek tuning (Page 11)

Automatically searches for stations you can receive.

• Local seek (Page 13)

When this feature is turned on, the tuner scans only the stations offering good reception during Auto seek tuning and Auto memory entry.

Mono reception (Page 13)

When stereo reception conditions are poor, turning on this function switches reception to mono, improving sound quality by reducing noise.

Station preset memory (Page 16)

Stores the frequencies of your favourite stations in memory. The frequencies stored in memory can be recalled by a single touch of a button.

Auto memory entry (Page 17)

Automatically stores the stations in the band you are listening to in memory. You can tune to the stations stored in memory by a single touch of a button in the same way as for the Stations preset memory function. If you use this function when you drive a long way and do not know what stations are available there, you can check the programmes broadcast by local stations by recalling them by a single touch of a button.

• K2I (Kenwood intelligent Twin IF) (Page 18)

When this feature is turned on, your tuner automatically narrows the frequency band it receives to prevent interference from stations broadcasting on frequencies close to the one you are listening to.

Features

■RDS section

RDS is a digital information system that transmits radio programme and station network information.

When the tuner receives an RDS station, the frequency and then the station name is displayed so that you see the programme easily.

The RDS stations transmit frequency data of the same national network stations. You can set your tuner to automatically switch to a station with stronger signals in the same national network stations. Since this data for preset RDS stations is stored automatically, you can switch to another station offering the same programme more quickly by presetting your favourite RDS station.

- **AF (Alternative Frequency) (Page 19)**

When this feature is turned on, the tuner searches for RDS stations only during Auto seek tuning. If the signal conditions become poor, the tuner automatically switches to the station with good reception in the same national network.

- **LNSS (Local Network Search System) (Page 20)**

You may not find a national network station offering good reception even if the RDS function has been turned on. When this feature is turned on, LNSS will search for a national network station, including a local station offering the same programme.

- **Traffic information (Page 21)**

When you turn on this function, your tuner automatically picks up signals only from traffic information stations during Auto seek tuning. When traffic information broadcasting starts, the volume is automatically set to the preset level because you can preset the volume level. If it detects a traffic information signal while you are playing a cassette or CD, it automatically switches to the traffic information broadcast.

- **EON (Enhanced Other Network) (Page 21)**

Stations in the RDS EON system carry information about other stations which broadcast traffic news. If you are tuned to an EON station, your receiver can retune automatically to a local station to receive a traffic bulletin.

- **Programme type (Page 24)**

This feature enables your tuner to perform Auto seek tuning to the type of programme you wish to hear. Programme types can be displayed in either English, French, or German.

- **Clock setting by RDS station (Page 27)**

Some RDS stations broadcast time signals that let the built-in clock in the unit set itself to the correct local time.

- **Alarm**

When an emergency broadcast from a station is received, all of the current functions are interrupted and the unit is switched to the emergency broadcast reception.

■Cassette player section

• Tape type selection (Page 15)

The Tape type selection function allows you to play normal tapes and metal (chrome) tapes.

• DPSS (Direct Program Search System) (Page 28)

This function lets you select tracks up to nine positions before or after the one you are playing.

Index scan (Page 29)

When this function is turned on, the first part of each track on the tape is played in succession. This function is useful to search for the track you want to listen to.

Music repeat (Page 30)

When this function is turned on, the player plays the track you are listening to repeatedly.

Blank skip (Page 31)

When this feature is turned on, the player automatically fast forwards to the next track if it detects a long blank section.

Tuner call (Page 32)

When this function is turned on, you can listen to the radio while rewinding or fast forwarding a cassette.

■CD changer control section

• CD auto-changer control (Page 33)

This unit has a CD auto-changer control function.

• Track / Disc search (Page 34)

You can search for the track / disc you want by specifying the track / disc number.

• Track repeat (Page 35)

When this function is turned on, the track you are listening to is played repeatedly.

• Disc repeat (Page 35)

When this function is turned on, the disc you are listening to is played repeatedly.

• Track scan (Page 36)

When this function is turned on, the first part of each track on the disc you are listening to is played automatically to help you find the one you want.

• Disc scan (Page 37)

When this function is turned on, the first part of each disc in the CD auto-changer is played automatically to help you find the one you want from the magazine loaded in the CD auto-changer.

• Random play (Page 38)

When this function is turned on, the tracks on the disc you are listening to are played in random order.

• Magazine random play (Page 39)

When this function is turned on, the tracks on the discs in your CD auto-changer are played in random order.

Features

■General section

• Attenuator (Page 9)

This function allows you to lower the volume quickly. The fade-in function is provided to restore the original volume gradually.

• Loudness control (Page 10)

When this function is turned on when the volume level is low, sound is made clear by emphasizing bass and treble.

• Audio controls (Page 40)

Adjust the bass, treble, balance, and fader.

• Selectable illumination (Page 42)

Allows illumination colour to be switched between green and orange.

• Selectable display type (Page 42)

Allows the display type to change between negative and positive.

• Theft deterrent faceplate (Page 43)

The faceplate is detachable. When you leave the vehicle, you can take the faceplate with you to help prevent theft.

• Disabled system indicator (Page 44)

When the faceplate is detached from the unit, the LED blinks.

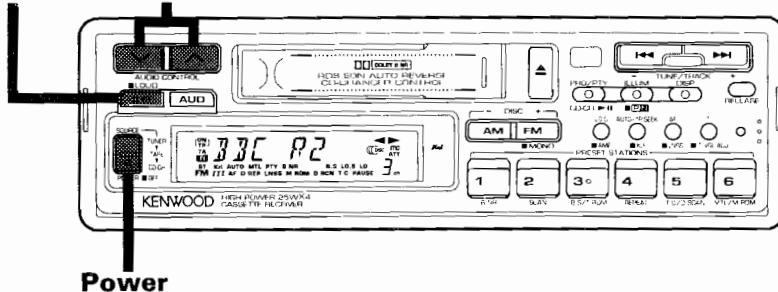
• TEL mute

When the TEL mute cable is connected to the car telephone, and a call come in, the functions of this unit are interrupted. When you hang up, the unit returns to the original mode automatically.

Power/Volume/Attenuator

Basic operations

Attenuator Volume



To turn the power on

Press the Source button.

NOTE

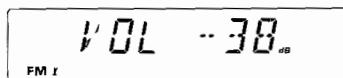
Perform the following operations with the power on.

To turn the power off

Press the Source button for more than a second.

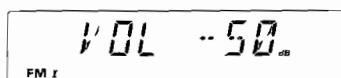
To increase the volume

Press the Audio up button.



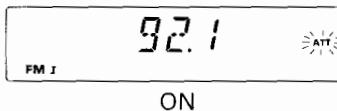
To decrease the volume

Press the Audio down button.



To use the Attenuator function

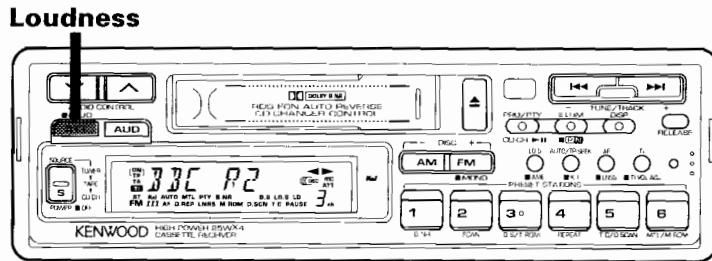
Briefly press the Attenuator button. The Attenuator indicator will appear on the display and Attenuator function will turn on.



To cancel the Attenuator function

Briefly press the Attenuator button or set the volume to minimum. The Attenuator indicator disappears and the Attenuator function is cancelled.

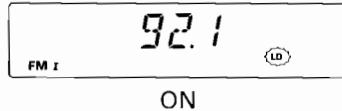
Loudness



To use loudness control

Press the Loudness button for more than a second.

Loudness is turned on and the Loudness indicator appears on the display.



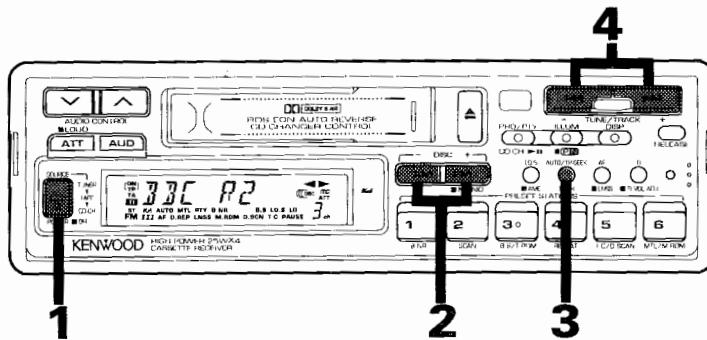
To cancel loudness control

Press the Loudness button for more than a second.

Loudness is turned off and the Loudness indicator disappears.

Auto seek tuning

Basic operations



1 Listen to the radio

Press the Source button to select Tuner mode.

When "TUNER" is displayed, you are in Tuner mode.

TUNER

2 To select a band

Press the FM/AM button.

Each time you press the FM button briefly, the band changes between FM1, FM2, and FM3.

Press the AM button to choose MW/LW band. The tuner will automatically select LW for frequencies below 281 kHz and MW for frequencies above 531 kHz. (LW only on model KRC-855RL)

FM1

FM2

FM3

MW

LW

3 To select Auto seek tuning mode

Briefly press the Auto button.

The Auto indicator will appear on the display and Auto seek tuning will turn on. This function is factory-set to ON.

92.1

4 To tune

Press the Tuning up/down button.

When the Tuning up button is

pressed, up seeking is performed.

When the Tuning down button is

pressed, down seeking is performed.

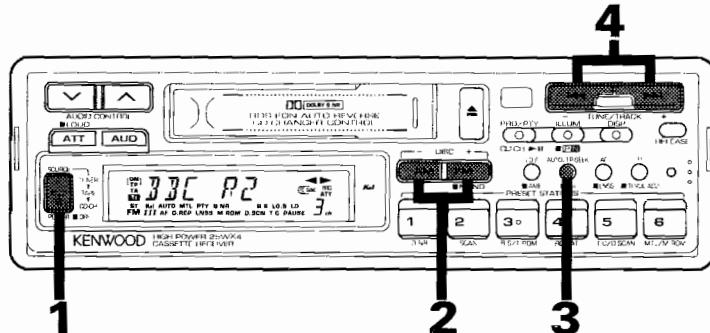
The Stereo indicator appears on the

display when stereo broadcasts are

received.

92.1

Manual tuning



1 Listen to the radio

Press the Source button to select Tuner mode.

When "TUNER" is displayed, you are in Tuner mode.

TUNER

2 To select a band

Press the FM/AM button.

Each time you press the FM button briefly, the band changes between FM1, FM2, and FM3.

Press the AM button to choose MW/LW band. The tuner will automatically select LW for frequencies below 281 kHz and MW for frequencies above 531 kHz. (LW only on model KRC-855RL)



FM1



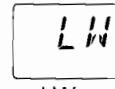
FM2



FM3



MW



LW

3 To select Manual tuning mode

Briefly press the Auto button.

The Auto indicator disappears and the Auto seek tuning is cancelled.

92.1

FM I

4 To tune

Press the Tuning up/down button.

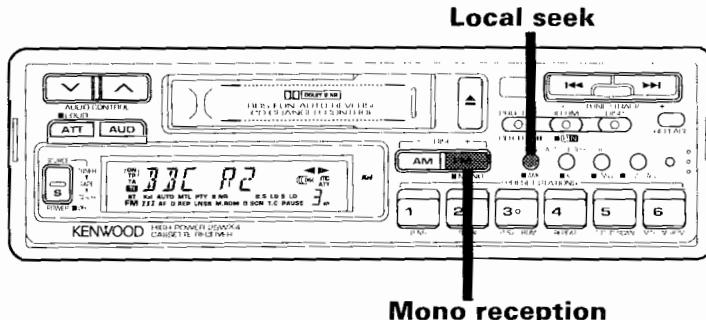
When you press the button once, the received frequency changes by one step. The frequency will continue to change as long as you hold the button down.

The Stereo indicator appears on the display when stereo broadcasts are received.

92.1

FM I

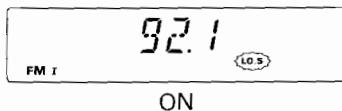
Local seek/Mono reception



Basic operations

To use Local seek

Briefly press the Local seek button. The Local seek indicator will appear on the display, and local seek will turn on.

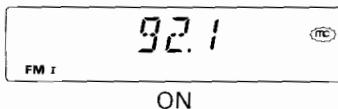


To cancel Local seek

Briefly press the Local seek button. The Local seek indicator disappears, and local seek turns off.

To turn on Mono reception

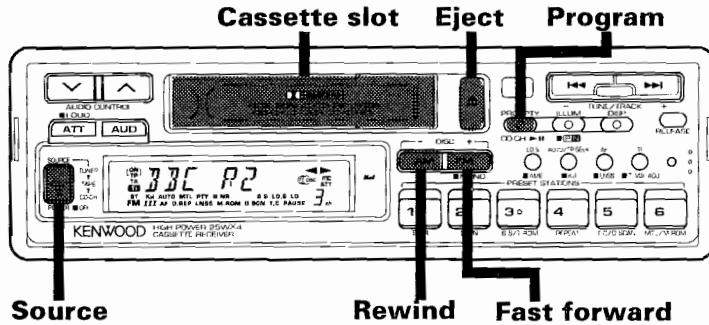
Press the Mono reception button for more than one second. The Mono reception indicator will appear on the display, and Mono reception will turn on.



To cancel Mono reception

Press the Mono reception button for more than one second. The Mono reception indicator disappears, and Mono reception turns off.

Cassette tape play



To play a cassette

Insert a cassette with the tape aperture on the right.

If there is a tape in the unit, press the Source button to select Tape mode.

The word "TAPE" will be displayed, and playback will start.

TAPE ▶

NOTE

When you insert the cassette with side A up, one of the following indicators appears or blinks on the display to indicate the tape operation.

Indicator	Tape side playing/status
▶	Side A
◀	Side B
◀▶	The tape is stopped. The player is in another mode.
▶	Fast forwarding
◀	Rewinding

To stop and eject

Press the Eject button.

The tape playing stops and the player ejects the cassette.

To fast forward/rewind

Press the + or - button.

When you press the + button, the tape is fast forwarded. When you press the - button, the tape is rewound.

The Operation indicator blinks.

To cancel fast forward/rewind

Press the Program button.

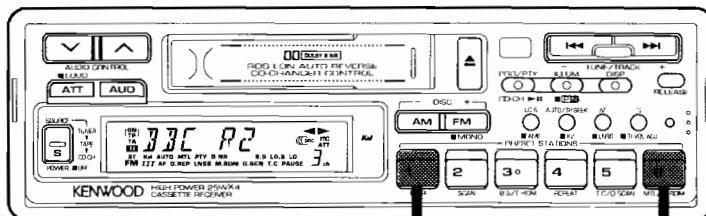
The fast forward/rewind is cancelled and the tape playing begins.

To switch sides

Press the Program button.

The player will play the reverse side.

Dolby B NR/Tape type selection



To use Dolby B NR

Press the Dolby NR button.

The Dolby B NR indicator will appear on the display and Dolby B NR will turn on.

TAPE

ON



To cancel Dolby B NR

Press the Dolby NR button.

The Dolby B NR indicator will disappear and Dolby B NR will turn off.

To listen to metal/chrome tapes

Press the Metal button.

The Metal indicator will appear on the display and the unit will be set to the metal/chrome tape position.

TAPE



Metal/chrome tape position

To listen to normal tapes

Press the Metal button.

The Metal indicator will disappear and the unit will be set to the normal tape position. The unit is factory-set to the normal tape position.

TAPE



Normal tape position

Station preset memory



Tuner features

1

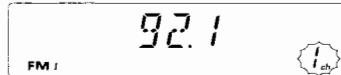
Select the band and station (frequency) you want to preset.

2

To preset

Press the Preset station button (1 to 6) you want to use for more than two seconds.

When the station is entered in memory, the number of the button to which you've assigned it will be displayed

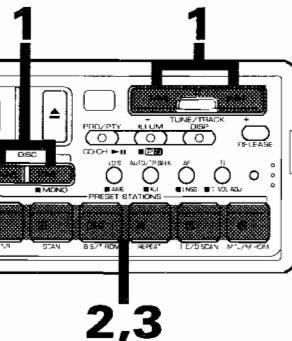


You can preset each button for one station each from the FM1, FM2, FM3, and AM (MW/LW) bands. (Only the KRC-855RL can receive the LW band.)

NOTE

To change preset frequencies

Tune in a station you want to preset and press the Preset station button you want to change for more than two seconds.

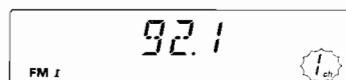


3

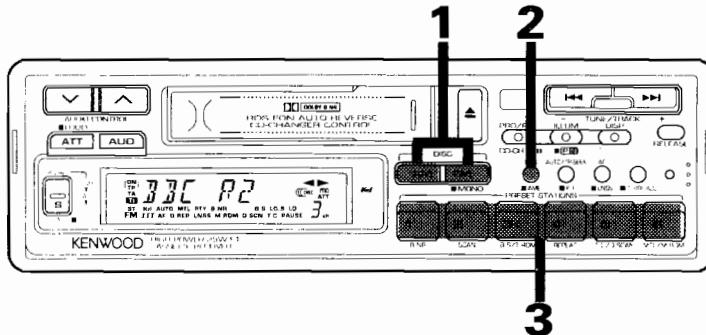
To recall a preset station

Briefly press the Preset station button (1 to 6) you want.

The number of the button that you pressed will be displayed, and the preset station will be recalled.



Auto memory entry



1

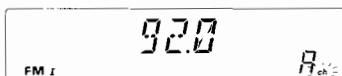
Select the band for Auto memory entry.

2

Auto memory entry

Press the Auto memory button for more than two seconds.

Auto memory entry starts and preset station button numbers are displayed in order



When stations are preset in all Preset stations buttons, Auto memory entry ends. The last preset station is received.

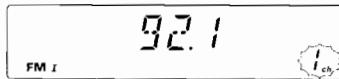
NOTE

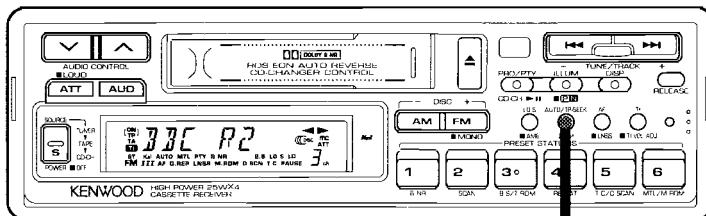
For automatic preset of RDS stations, press the AF button before pressing the Auto memory button. Note that the RDS stations which have been preset in FM1 are not preset by the Auto memory for FM2, and that the RDS stations preset in FM2 are not preset by the Auto memory for FM3

3

To recall stations stored in memory by Auto memory entry
Briefly press a Preset station button (1 to 6).

The number of the pressed button is displayed, and the station is recalled.



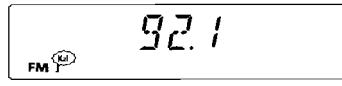


K2l

To turn the K2l function on

Press the K2l button for more than one second.

The K2l indicator will appear on the display and the K2l function will turn on. This function is factory-set to ON.

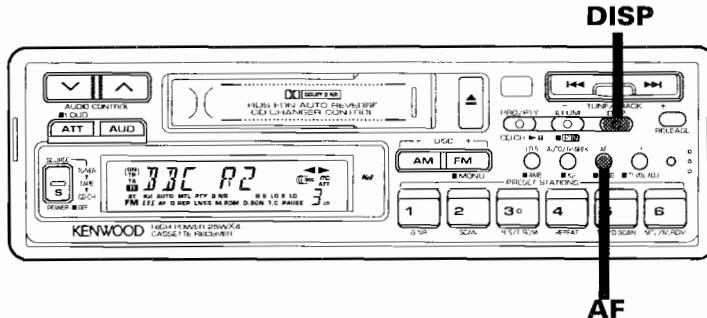


To cancel the K2l function

Press the K2l button for more than a second.

The K2l indicator disappears and the K2l function is cancelled.

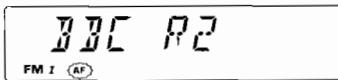
AF(Alternative Frequency)



To turn the AF function on

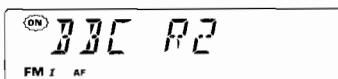
Briefly press the AF button.

The AF indicator will appear on the display and the AF function will turn on. This function is factory-set to ON.



ON

The "ON" indicator will appear when the RDS station you are receiving broadcasts EON frequency data.



NOTE

- If the RDS function cannot find a stronger station broadcasting the same type programme, it searches many times and interrupts broadcasts. In this case, cancel the AF function.
- Perform the following RDS features with the AF function ON.

To display the frequency

Press the DISP button down for more than a second.

The frequency is displayed instead of the station name for five seconds.

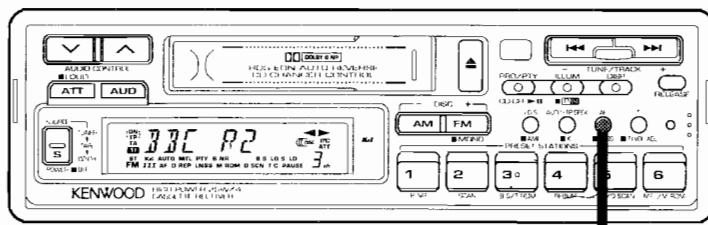
To turn the AF function off

Briefly press the AF button.

The AF indicator disappears and the AF function is cancelled.

LNSS(Local Network Search System)

RDS features



To turn the LNSS function on

Press the LNSS button for more than one second.

The LNSS indicator will appear on the display and the LNSS function will turn on.



ON

NOTE

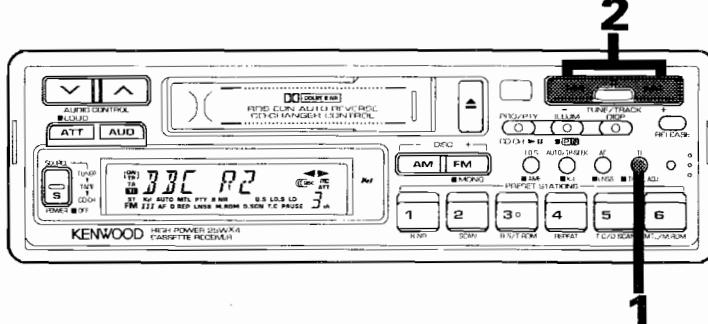
When the LNSS function finds a local station, it may not be broadcasting the same programme as broadcast by a national network station.

To cancel the LNSS function

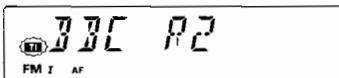
Press the LNSS button for more than a second.

The LNSS indicator disappears and the LNSS function is cancelled.

Traffic information



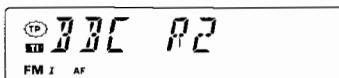
Briefly press the TI button. The TI indicator will appear on the display and the Traffic information function will turn on.



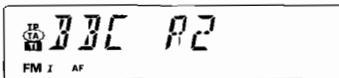
NOTE

Pressing the TI button while in the MW/LW band switches you to the FM band. Pressing the TI button again will not return you to the MW/LW band.

Perform Auto seek tuning. When a traffic information (TI) station is received, the TP indicator appears on the display.



When traffic information broadcasting starts, you can listen to traffic information at the volume level you set.



NOTE

If the TI station signal is weak. When the TI indicator is blinking, the TI station signal is weak. Tune to another TI station by Auto seek tuning.

To listen to traffic information only. Tune in the TI station and turn the volume level down to minimum to listen to traffic information only.

When traffic information broadcasting starts, the volume increases automatically.

EON stations provide traffic information

You can listen to traffic information from EON stations even when you are not tuned to any TI station. When you are receiving an EON service station, the "ON" indicator appears on the display.

To cancel

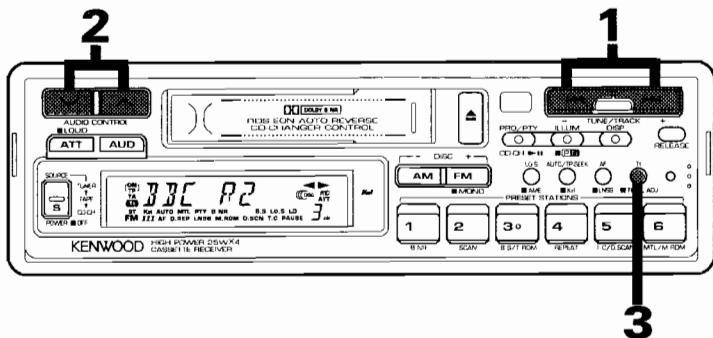
Briefly press the TI button.

The TI indicator disappears and the Traffic information function is cancelled.

You can listen to traffic information at normal volume level.

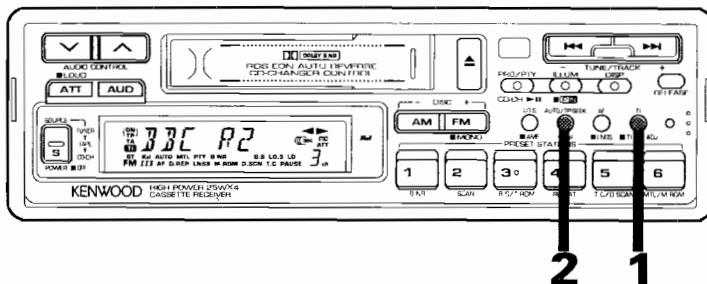
To set the volume level for traffic information

RDS features



- 1** Tune in a broadcast.
- 2** To set the volume level for traffic information
Set the volume level for receiving traffic information.
- 3** To store the volume level in memory
Press the TI button for more than two seconds.
The volume level is stored in memory. You can listen to traffic information at this volume level subsequently.

Traffic information while playing cassettes or CDs



1 To turn the Traffic information function on

Briefly press the TI button.

The TI indicator will appear on the display and the received frequency will be displayed.

When the tuner receives the traffic information (TI) station, the TP indicator appears on the display.



When traffic information broadcasting starts, the TA indicator will appear on the display and the unit will switch automatically into Tuner mode. You can listen to traffic information at the volume level you set.



When traffic information broadcasting ends, the source you were originally listening to will return automatically. If the traffic information station's signal weakens, the tuner automatically searches upward for another TI station with a stronger signal.

2 To tune to another station

Briefly press the TP seek button. The tuner searches upward for another TI station.

To listen to a cassette or disc

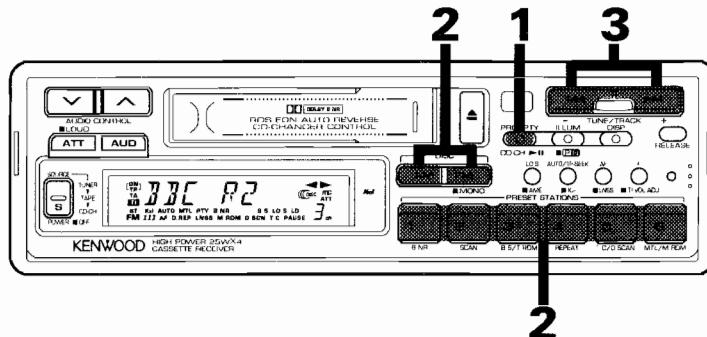
Briefly press the TI button. The Traffic information function is cancelled and cassette or disc play resumes.

To cancel

Briefly press the TI button. The TI indicator disappears and the Traffic information function is cancelled.

Programme type

RDS features



1 To select Programme type selection mode

Press the PTY button.

The PTY indicator will appear on the display and the Programme type selection function will turn on.



The programme type is displayed. If you do not perform any operation within 30 seconds, the Programme type selection function is cancelled automatically.

NOTE

This function is not available during reception of traffic information.

2 To select a programme type

Press the AM/FM button or Preset button.

Each time you press the AM/FM button, the programme type changes as follows:

Speech (SPEECH) <-> News (NEWS)
<-> Current Affairs (AFFAIRS) <->
Information (INFO) <-> Sport (SPORT)
<-> Education (EDUCATE) <-> Drama
(DRAMA) <-> Culture (CULTURE) <->
Science (SCIENCE) <-> Varied
(VARIED) <-> Pop Music (POP M) <->
Rock Music (ROCK M) <-> M. O. R.
Music (M, O, R, M) <-> Light Classical
(LIGHT M) <-> Serious Classic
(CLASSICS) <-> Other Music (OTHER
M) <-> Music (MUSIC) <->.

When you press the Preset button, the programme type changes as follows:

1. Music (MUSIC), 2. Speech (SPEECH), 3. News (NEWS), 4. Other Music (OTHER M), 5. Serious Classical (CLASSICS), 6. Varied (VARIED)

Characters in parentheses are the displayed programme type names. They are displayed in English. See the French or German version for displays in French and German.



NOTE

To change the programme type for the Preset button

The programme type selected with the AM/FM button can be stored in memory for a Preset button. Select a programme type you want to store in memory, then press the Preset button for more than two seconds. The programme type in memory is erased, and the new programme type you have selected is written into memory.

3

Press the Tuning up/down button. The display blinks and the tuner scans for the selected programme type.

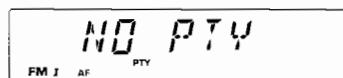


When a station transmitting the selected programme type is found, the station name is displayed and the station starts to be received.

The PTY indicator blinks for 30 seconds. The PTY indicator stops blinking and disappears, the programme type selection mode is automatically cancelled.

NOTE

- If "NO PTY" is displayed If the selected program type cannot be found, "NO PTY" is displayed. If you want to find a broadcast with a different program type, just carry out step 2 and 3 again.



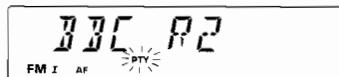
- Time cannot be displayed until the programme type selection mode is terminated.

4

To tune to another station

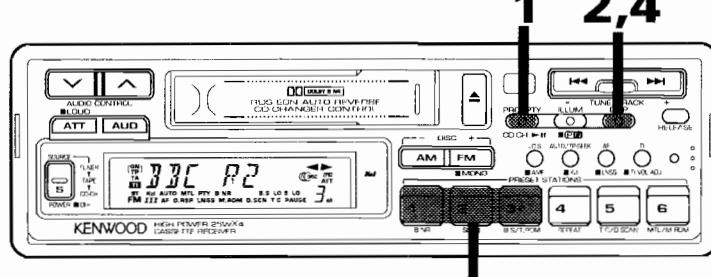
Perform Auto seek tuning while the PTY indicator is blinking.

The tuner will scan for another station of the selected programme type.



To change programme type display language

RDS features



1 Select the type selection mode

Press the PTY button.

The PTY indicator will appear on the display and the Programme type selection function will turn on. The programme type is displayed. If you do not perform any operation within 30 seconds, the Programme type selection function is cancelled automatically.



NOTE

This function is not available during reception of traffic information.

2

Press the Display button for more than a second.

The current language will be displayed.



3

Press the Preset button (1 to 3) with the same number as the language you want to display.

Preset button No.	Language (display)
No.1	English (ENGLISH)
No.2	French (FRANCAIS)
No.3	German (DEUTSCH)

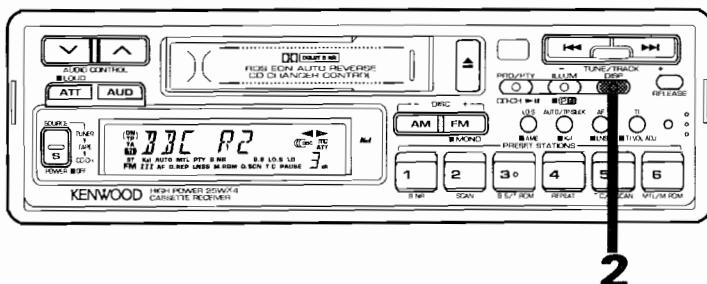
The selected language is displayed.

4

Press the Display button.

The programme types are displayed in the language selected in step 3.

Clock setting by RDS station



1

Receive an RDS station for 3 to 4 minutes.

The time will be set automatically to the local time.

NOTE

This unit sets the time by listening to an RDS station. You cannot set the time manually.

2

Press the Display button.

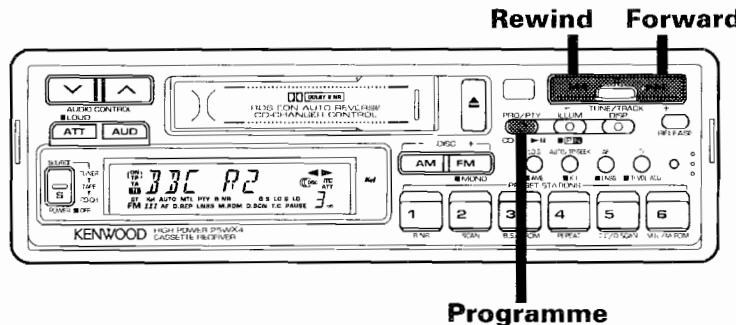
The time will be displayed in 24-hour format.

Displays for each mode

Mode	Displays
Tuner	Frequency ↔ Time
Tape	"TAPE" ↔ Time
CD changer	Disc number/Track number/ Play time ↔ Time
All standby	"OFF" ↔ Time

NOTE

If the time display is not set to the local time, the RDS station to which you are tuned may not be transmitting a time signal. Tune to another RDS station.



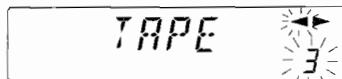
Rewind DPSS

Briefly press the Rewind button. Each time you press this button, the number of tracks to be skipped increases. The number of tracks you skip will be displayed.

You can skip up to nine tracks. The tape is rewound to the specified track and playback starts.

For example:

- To skip three tracks back;
Press the button four times.



NOTE

- If you press the Rewind button within three seconds after a track starts playing, the previous track will be counted as the current track (O track).
- This function detects the beginning of a track by detecting the blank space between tracks. If the blank space between tracks is less than four seconds, or the volume is low for more than four seconds, the function will not operate correctly.

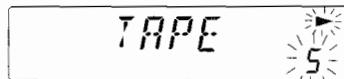
Forward DPSS

Briefly press the Forward button. Each time you press this button, the number of tracks to be skipped increases. The number of tracks you skip will be displayed.

You can skip up to nine tracks. The tape is fast-forwarded to the specified track and playback starts.

For example:

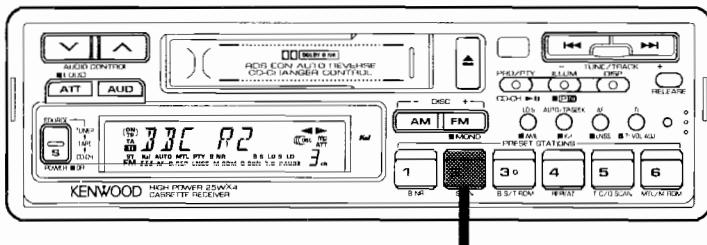
- To skip five tracks ahead;
Press the button five times.



To cancel

To cancel DPSS in the middle, press the Programme button. The DPSS is cancelled and playback starts.

Index scan



1 To start Index scan

Press the Scan button.

The Scan indicator will appear on the display and the player plays the first part of each track recorded on the tape.



2 When you hear the track you want

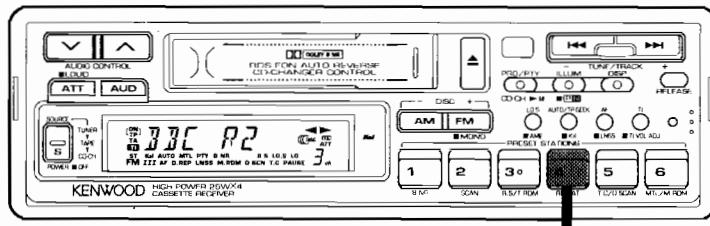
Press the Scan button or Programme button.

Index scan is cancelled, and normal playback starts.

NOTE

Index scan is cancelled when the tape stops.

Music repeat



Repeat

To turn the Music repeat function on

Press the Repeat button to repeat the track you are listening to.

The Repeat indicator will appear on the display and the Music repeat function will turn on.



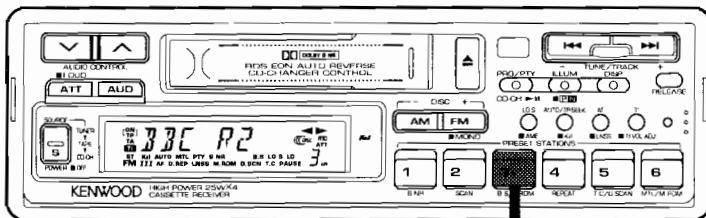
When the player reaches the end of the track, it will automatically rewind the tape and play the track again.

To cancel

Press the Repeat button or Programme button.

The Repeat indicator disappears and the Music repeat function is cancelled.

Blank skip

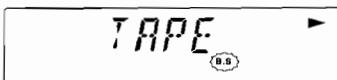


Blank skip

To turn the Blank skip function on

Press the Blank skip button.

The Blank skip indicator will appear on the display and the Blank skip function will turn on. This function is factory-set to ON.



ON

If the player encounters more than 10 seconds without sound, it will automatically fast forward to the start of the next track.

NOTE

If the recording level is very low for a long time, the player may regard it as a blank and fast forward. In this case, turn the Blank skip function off.

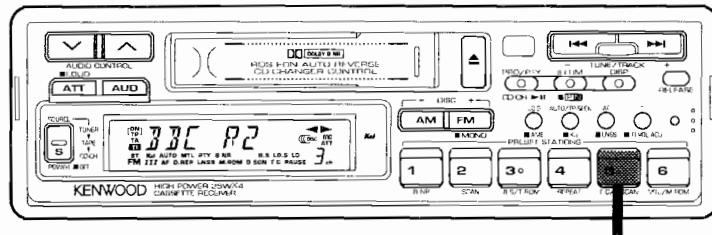
To cancel

Press the Blank skip button.

The Blank skip indicator disappears and the Blank skip function is cancelled.

Tuner call

Cassette player features



Tuner call

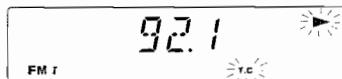
To turn the Tuner call function on

Press the Tuner call button.

The Tuner call indicator will appear on the display and the Tuner call function will turn on.



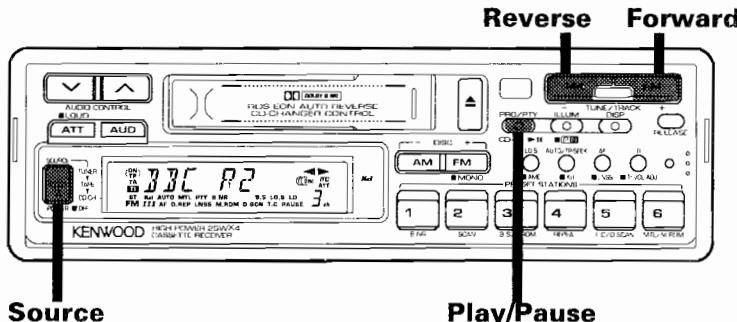
The radio turns on automatically during fast forwarding or rewinding.



To cancel

Press the Tuner call button. The Tuner call indicator disappears and the Tuner call function is cancelled.

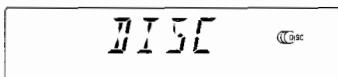
CD play with CD auto-changer



• play compact discs

Press the Source button to select CD changer mode.

If you see "DISC" display, you are in CD changer mode.



The Disc indicator will appear on the display and disc play will begin.

Disc No. display

Disc indicator



Track No. display

When the player reaches the end of the last track on the disc you are playing, it will shift automatically to the first track on the next disc. When the player plays the last disc, it will return to the first disc.

When you change the discs in the auto changer, "LOAD" is displayed. Disc No. 10 is displayed as "0".

To fast forward

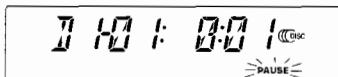
Hold down the Forward button.

To reverse

Hold down the Reverse button.

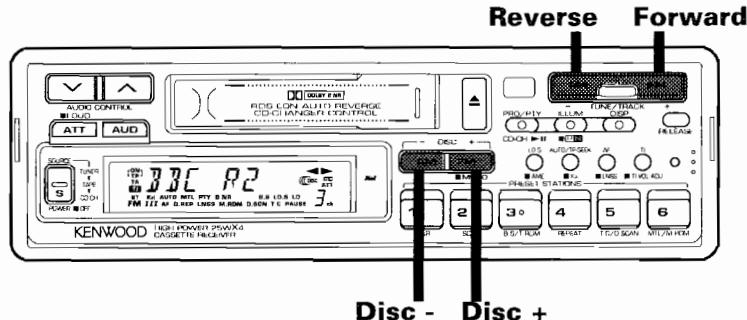
To pause

Press the Play/Pause button. The Pause indicator will appear on the display and disc play stops.



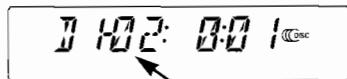
When you press the Play/Pause button again, play restarts.

Track/Disc search



Reverse track search

Briefly press the Reverse button. When you press this button once, the player returns to the start of the track you are listening to. Each time you press the button, the track number on the display decreases. The player plays the track with the track number shown on the display.



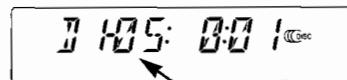
Track No

NOTE

If you try reverse track search while playing track 1, the player will resume play at the start of track 1; it does not search for the last track.

Forward track search

Briefly press the Forward button. Each time you press this button, the track number on the display increases. The player plays the track with the track number shown on the display.



Track No

Reverse Forward

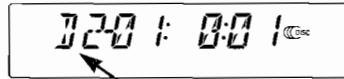
Disc - Disc +

NOTE

If you try forward track search while playing the last track on a disc, the Forward track search function does not work.

Reverse disc search

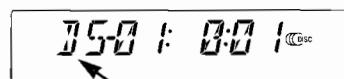
Press the Disc - button. Each time you press this button, the disc number on the display decreases. The player plays the disc with the disc number shown on the display.



Disc No

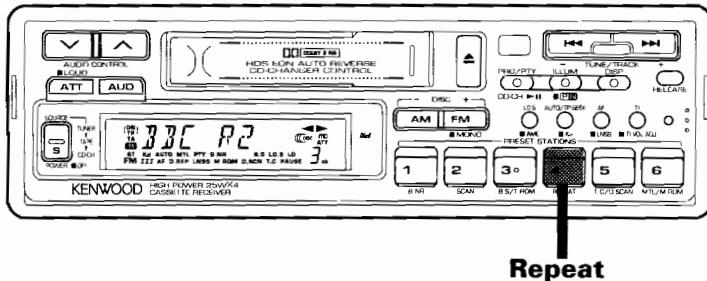
Forward disc search

Press the Disc + button. Each time you press this button, the disc number on the display increases. The player plays the disc with the disc number shown on the display.



Disc No

Track/Disc repeat



Repeat

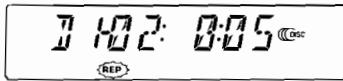
• To start track repeat

Press the Repeat button once.

When Disc repeat is on, press the button twice.

The Repeat indicator will appear on the display and the Track repeat function will turn on.

The same track is played repeatedly.



ON

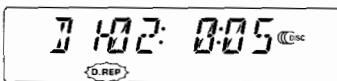
To start Disc repeat

Press the Repeat button twice.

When Track repeat is on, press the button once.

The Disc repeat indicator will appear on the display and the Disc repeat function will turn on.

The same disc is played repeatedly.



ON

• To cancel Track repeat

Press the Repeat button twice.

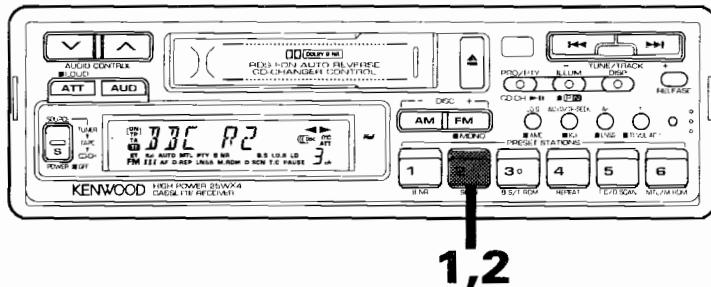
The Repeat indicator disappears and the Track repeat function is cancelled.

To cancel Disc repeat

Press the Repeat button once.

The Disc repeat indicator disappears and the Disc repeat function is cancelled.

Track scan



1

Press the Track scan button.
The Track scan indicator will appear
on the display and the player will play
the first 10 seconds of each track in
succession.



2

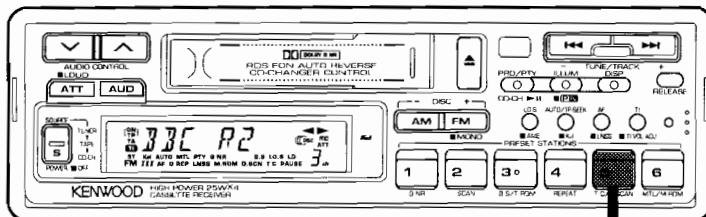
To select a track

Press the Track scan button.
The Track scan indicator disappears
and the Track scan is cancelled.
Normal playback starts.

NOTE

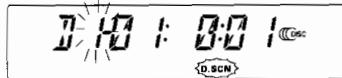
- When CD play stops, Track scan is cancelled.
- When all tracks on the disc you are listening to are scanned, Track scan is cancelled.

Disc scan



1,2

Press the Disc scan button.
The Disc scan indicator will appear on the display and the player will play the first 10 seconds from each disc in succession.



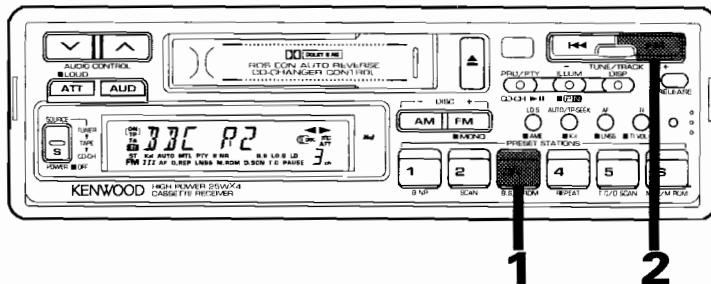
2 To select a disc

Press the Disc scan button.
The Disc scan indicator disappears and the Disc scan is cancelled.
Normal playback starts.

NOTE

- When CD play stops, Disc scan is cancelled.
- When all discs in the magazine you are listening to are scanned, Disc scan is cancelled.

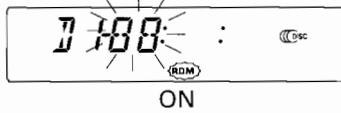
Random play



1

Press the Random button.

The Random indicator will appear on the display and the player will randomly select another track from the disc you are playing. The track numbers on the display will change continuously during track selection. When a track is selected, playback will begin automatically.



NOTE

When all the tracks on a disc have been played, the player will randomly select the next disc.

2

To select another track

Press the ▶ button.

The player will randomly choose another track.

To cancel

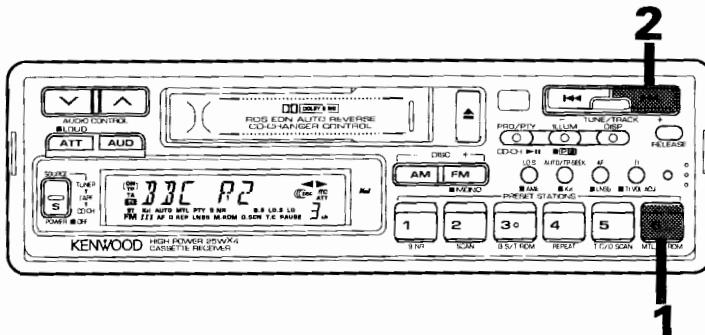
Press the Random button.

The Random indicator disappears and Random play is cancelled. Normal CD play starts.

NOTE

When the CD play stops, the Random play function is cancelled.

magazine random play



Press the Magazine random button. The Magazine random play indicator will appear on the display and the player will randomly select another track from the disc you are playing. The track/disc numbers on the display will change continuously during track selection. When a track is selected, playback will begin automatically.



NOTE

The Magazine random play is not available if you use the KDC-C200/C300/C400/C301/C401.

2 To select another track

Press the **▶** button. The player will randomly choose another track.

To cancel

Press the Magazine random button. The Magazine random indicator disappears and Magazine random play is cancelled. Normal CD play starts.

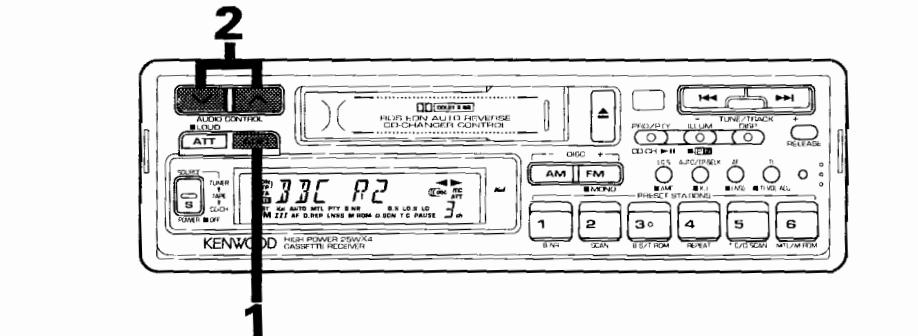
NOTE

- When CD play stops, the Magazine random play function is cancelled.
- The Magazine random selection time changes according to the number of discs in the magazine.

CD-auto changer control features



Audio controls



1 To select the control mode

Press the Audio button.

Each time you press this button, the adjustment mode changes as follows: Bass -> Treble -> Balance -> Fader -> Volume. If you do not perform the next operation within five seconds, the Volume adjustment mode (normal mode) will return.

NOTE

Source tone memory

This unit allows the Tone (Bass, and Treble) control to be set independently for each source mode (Tape, FM, AM, and CD). The tone set in Tape mode is recalled automatically when you select Tape, and the tone set in Tuner mode is recalled automatically when you select Tuner.

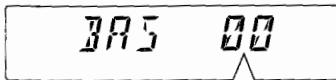
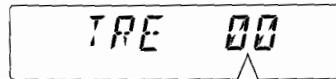
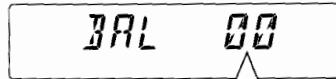
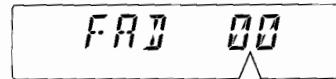
2 To adjust each mode

Press the Audio control button. Adjust each mode according to the table.

To cancel

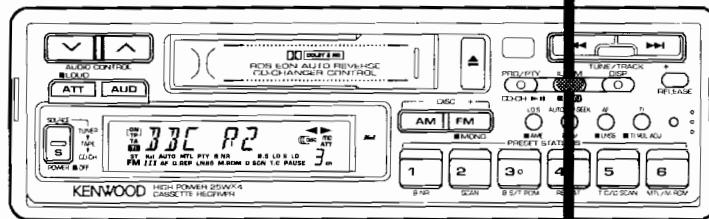
Press the Audio button for more than one second.

The Volume adjustment mode will return.

Display	Operation of Audio control button	
	Audio down button	Audio up button
<i>bass adjustment</i>		
 -00 ... 00 ... +00 Bass decreases. Flat Bass increases.	Bass decreases.	Bass increases.
<i>treble adjustment</i>		
 -00 ... 00 ... +00 Treble decreases. Flat Treble increases.	Treble decreases.	Treble increases.
<i>balance adjustment</i>		
 L 16 ... 00 ... R 16 Left channel emphasizes. Flat Right channel emphasizes.	Left channel emphasizes.	Right channel emphasizes.
<i>ader adjustment</i>		
 R 16 ... 00 ... F 16 Rear sound emphasizes. Flat Front sound emphasizes.	Rear sound emphasizes.	Front sound emphasizes.

Selectable illumination/Display type

Illumination



Display type

To change illumination colour

Briefly press the Illumination button.

Each time you press this button, the illumination will change from green to orange or vice versa.

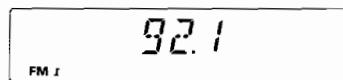
To change the display type

Press the P/N button for more than one second.

Each time you press this button, the display type will change from negative to positive or vice versa.

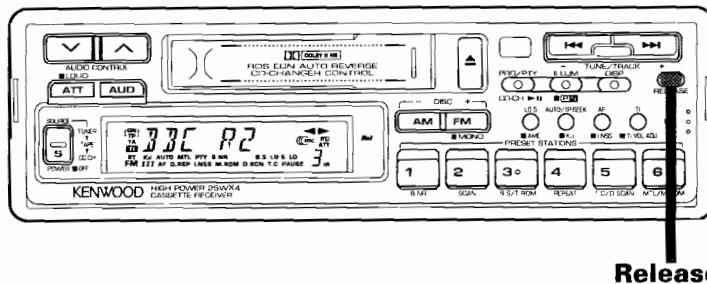


Negative type



Positive type

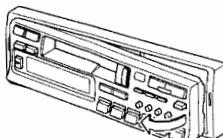
Theft deterrent faceplate



o remove the faceplate

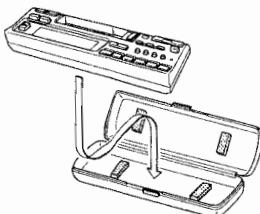
Press the Release button.

The faceplate is unlocked and can be detached.



CAUTION

- Place the faceplate in the storage case (option) to prevent shocks. Since it is a precision piece of equipment, if it is subject to shock, it may fail.

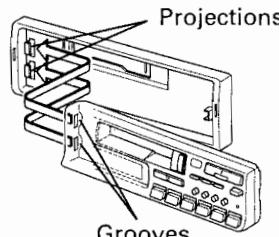


- Do not expose the faceplate or its storage case to direct sunlight or high heat, otherwise it may be deformed or fail.

To install the faceplate

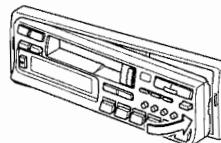
1

Align the projections on the faceplate with the grooves on the faceplate.



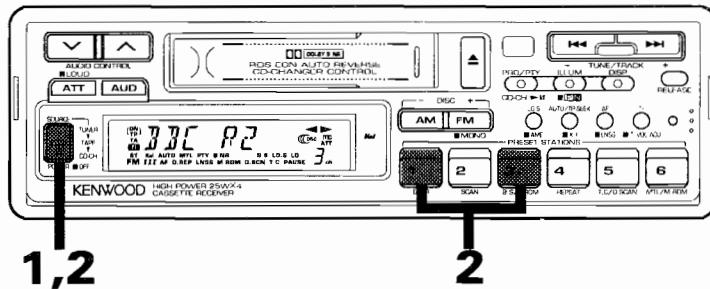
2

Press the faceplate until it clicks. The faceplate is locked in place and the unit becomes operable.



Other features

Disabled system indicator



1

Turn the power off.

2

Hold down preset station buttons "1" and "3" and turn the power on.
The Disabled system indicator function turns off, and the LED does not blink when the faceplate is detached.

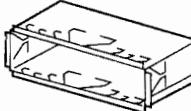
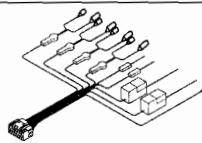
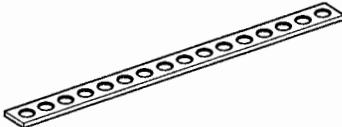
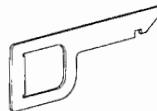
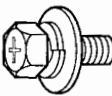
To turn the Disabled system indicator on

Perform steps 1 and 2 again.
The LED blinks when the faceplate is detached.



Other features

Accessories

Part name	External view	Number of items
Mounting sleeve		1
Wiring harness		1
Metal mounting strap		1
Removal tool		2
Screw with washer (M4 × 8)		1

Installation

Installation procedure

1. Remove the ignition key and disconnect the negative (-) terminal of the battery to prevent short circuits.
2. Connect the input and output cables of the units.
3. Connect the speaker cables of the wiring harness.
4. Connect the ground cable, memory backup cable, and power supply cable of the wiring harness in the order listed.
5. Connect the wiring harness connectors to the unit.
6. Install the unit in the car.
7. Connect the negative (-) terminal of the battery.
8. Press the Reset button.

CAUTION

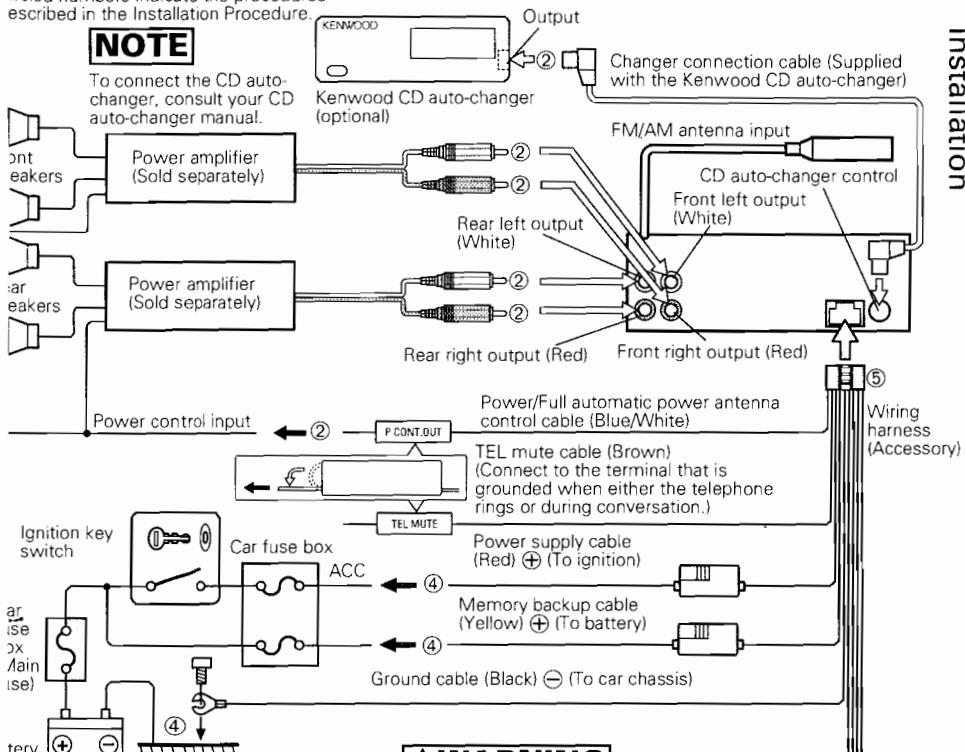
- If the fuse blows, check cables for shorts, then replace the fuse with one of the same rating.
- Check that no unconnected cables or connectors are touching the car body. Do not remove caps from unconnected cables or connectors to prevent short circuits.
- Connect the speaker cables to appropriate speaker connectors separately. Sharing the negative cable of the speaker or grounding speaker cables to the metal body of the car can cause this unit to fail.
- After installation, check that the brake lamps, wipers, and wipers work properly.
- Some CD auto-changers require a conversion cord for connection. See the "Safety precautions" for details.
- Insulate unconnected ends of cords with vinyl tape or similar.

Connections

circled numbers indicate the procedures described in the Installation Procedure.

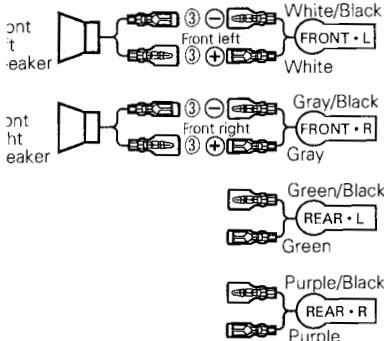
NOTE

To connect the CD auto-changer, consult your CD auto-changer manual.



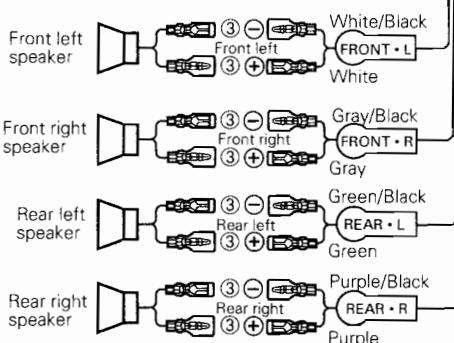
CAUTION

When two speakers are connected to the system, be sure to connect both of them to the front output or rear output. In other words, do not connect the positive connector of the left speaker to the front output and the negative connector to the rear output.



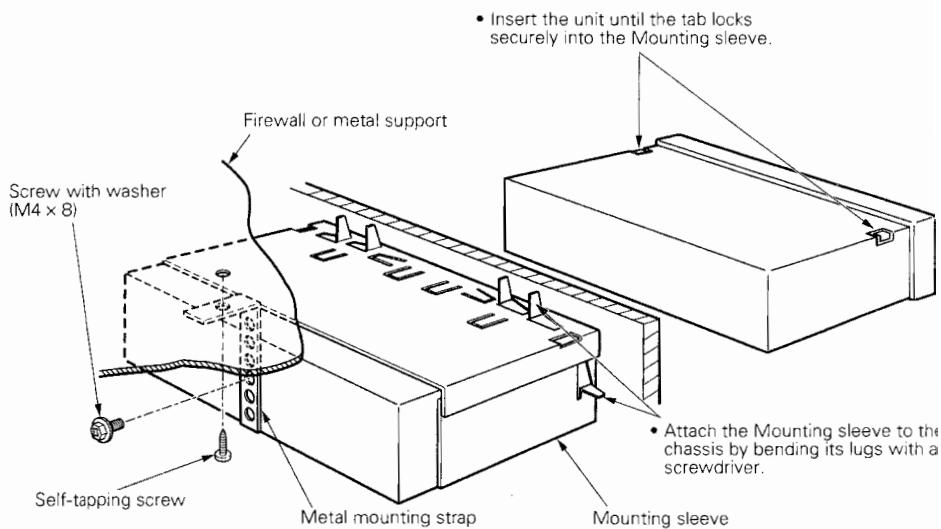
WARNING

To prevent fire when the power supply cable (Red) or memory backup cable (Yellow) is short-circuited by coming into contact with the vehicle chassis (ground), only connect the power supply after making the fuse box connections.



Installation

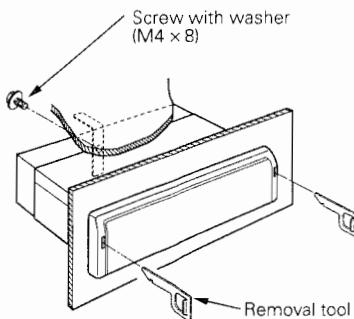
Installation



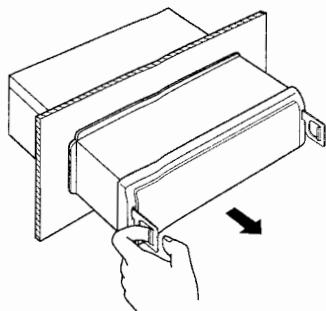
NOTE

Install the unit securely. If the unit is unstable, it may malfunction, causing sound skipping.

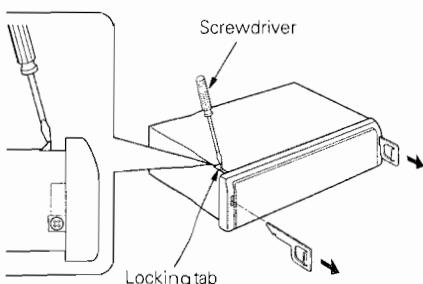
remove the unit.



1. Remove the Screws with washer (M4 x 8) holding on the back panel.



2. Insert the Removal tool into the slot in the unit and pull out the unit. The lock is released and the unit is detached.



3. Pull out the Removal tool by pressing down the locking tabs on the top using a screwdriver.

Troubleshooting guide

Often, what appears to be a malfunction is due to user error. Before calling for service please consult the following table.

Symptom	Cause	Remedy
The power is not turned on.	The wiring harness fuse blows.	Check cables for shorts, then replace the fuse with one of with the same rating (shown on the case).
No sound or sound is low.	The volume level is minimum. The fader or balance is set to one side. The input/output cable or wiring harness is connected incorrectly. The cassette tape is faulty.	Raise the volume level. Adjust the fader and balance. Connect the input/output cable or wiring harness correctly. See "Connections" (Page 47). Use another cassette.
The unit does not work properly when a button is pressed.	The microcomputer malfunctions.	Press the Reset button on the front panel.
Sound quality is poor. (Sound distortion)	The volume level is too high. The tape head is dirty. A speaker cable is pressed by a screw in the car. A speaker cable is shared.	Use the appropriate volume level. Clean the head. See "Head cleaning" (Page 4). Check the speaker cabling. Connect the speaker output connectors to the separate speaker connectors.
A cassette cannot be inserted.	The cassette is deformed. The cassette has been inserted incorrectly.	Use another cassette. Insert the cassette with the tape aperture on the right.
The cassette is not ejected.	The cassette is deformed. The cassette label is coming off.	Use another cassette. Remove the label or reattach it properly.
Poor radio reception.	The car antenna is not extended. The antenna control cable is not connected.	Extend the antenna. Connect the cable correctly. See "Connections (Page 47)"
Tape mode is not selected.	No cassette is inserted.	Insert a cassette into the unit.
When the ignition key switch is set to OFF, the memory contents disappear.	The Memory backup cable is not connected correctly.	Connect the cable correctly. See "Connections (Page 47)"
The TEL mute does not work.	The TEL mute cable is not connected correctly.	Connect the cable correctly. See "Connections (Page 47)"
The TEL mute function works even though the TEL mute cable is not connected	The TEL mute cable touches the metal part of the car.	Keep the TEL mute cable away from the metal part of the car.

D auto-changer section

Symptom	Cause	Remedy
CD auto-changer mode cannot be selected.	CD auto-changer input is not connected to the unit.	Connect the CD auto-changer input to the unit.
CD play does not start.	Power button is not turned ON.	Turn the power button ON, press the SOURCE button, and select the CD auto-changer mode.
The specified disc is not played; a different disc is played instead.	The specified disc is very dirty. The disc is loaded upside down. Two discs are inserted in a slot. The number of the slot into which the disc is inserted is different from the number of the specified disc. The disc is severely damaged.	Check and, if possible, clean the disc. Eject the disc magazine and insert the disc correctly. Eject the disc magazine and insert the discs correctly. Eject the disc magazine and check the number of the specified disc. Use another disc.
Sound skips due to vibration.	Something is touching the CD auto-changer. The disc is dirty or damaged.	Keep it away from the CD auto-changer. If sound skips at the same part, the disc is faulty. Check and, if possible, clean the disc.
Sound quality is poor.	The recording of the disc is poor. The disc is dirty or damaged.	Try playing another disc. If the sound is good, the fault was with the original disc. Check and, if possible, clean the disc.
No sound is heard even though the information concerning the CD auto-changer is displayed.	Volume is set to minimum level. The microcomputer does not function correctly. The system is not connected properly.	Raise the volume level. Press the Reset button on this unit. Connect the system properly. See "Connections" (Page 47).
The specified track is not played.	The player is set to RANDOM PLAY/MAGAZINE RANDOM PLAY.	Turn off RANDOM PLAY/MAGAZINE RANDOM PLAY.

In some cases, you may see one of the following error messages on your unit's display

- E-01:** No disc magazine in changer. Disc magazine is not inserted properly.
⇒ Insert the disc magazine properly.
- E-02:** No disc in disc magazine
⇒ Load a disc in the disc magazine.
- E-04:** Disc is too dirty. The disc is upside down. The disc is damaged.
⇒ Clean the disc and insert it correctly.
- E-99:** The unit malfunctions due to a defective CD mechanism.
Press the Reset button. If the "E-99" message does not disappear, contact your Kenwood dealer.
- HOLD:** When the temperature exceeds 60°C, a protection circuit will stop all operations. This message will then be displayed.
⇒ Let the place where the changer is located cool down. As soon as it has cooled, the changer starts playing.

Specifications

Specifications subject to change without notice.

FM tuner section

Frequency range.....	87.5 MHz – 108.0 MHz
Usable sensitivity (DIN)	0.7 μ V/75 ohms
Quieting sensitivity (S/N = 46 dB)	1.6 μ V/75 ohms
Frequency response (± 3 dB)	30 Hz – 15 kHz
Signal to Noise ratio (IEC-A)	68 dB
Selectivity.....	70 dB (± 400 kHz) 40 dB (± 200 kHz : K2I OFF) 75 dB (± 200 kHz : K2I ON)
Stereo separation (1 kHz)	35 dB
19 kHz carrier leakage	65 dB

MW tuner section

Frequency range..... 531 kHz - 1611 kHz
Usable sensitivity..... 30 μ V

LW tuner section (KRC-855RL only)

Frequency range..... 153 kHz - 281 kHz
Usable sensitivity..... 60 μ V

Cassette deck section

Audio section

General

Operating voltage	14.4 V (11 – 16 V allowable)
Current consumption	7.5 A at Rated power
Dimensions (W x H x D)	188 x 58 x 176 mm
Installation size (W x H x D)	182 x 53 x 154 mm
Weight	1.75 kg